

# Aviation Education News



Distributed Quarterly to Promote Aviation Education and Awareness in Virginia

August 2000

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Enter the 2001 International Aviation Art Contest.

# Visit Your Local Airport This Summer

With comfortable late summer and early fall days upon us, the time is right to pay a visit to your local airport. And many of these facilities are extending a personal invitation to you by holding open houses, fly-ins, and air shows.

The Virginia Department of Aviation participates in a number of these events each year. Some, which have already taken place, include EAA Chapter 186's Spring Fly-in at Winchester Regional Airport, the Tazewell Fly-in, and the annual Virginia State EAA Fly-in held at Dinwiddie County Airport.

Airport events coming up over the next couple of months include:

9th Annual Louisa County Air Show on September 9.

NAS Oceana Neptune Festival Air Show on September 23-24.

Wings and Wheels 2000 at Hummel Field in Topping, Virginia on September 30.

Wings Over Wise Air Show and Fly-In at the Lonesome Pine Airport in Wise, Virginia on September 30.

EAA Annual Fall Fly-In at the Winchester Regional Airport on October 14-15.

Airfest at the Accomack County Airport in Melfa, Virginia on October 21.

Langley AFB Appreciation Day on October 22.

Collings Foundation B-17/B-24 (World War II bombers) will be open for tours at the Chesterfield County Airport on October 27-29.

These events provide fun for people of all ages, and provide an opportunity to learn more about aviation.

If you're a teacher and would like to share aviation opportunities with your students, look inside for special programs available during this school year.

Tazewell Fly-In



Visit the NCAE Booth at VAST this November

Once again this year, the National Coalition for Aviation Education plans to set up a booth at the Virginia Association of Science Teachers Convention (which will be held in Roanoke this year). Stop by to pick up some excellent aviation education materials!

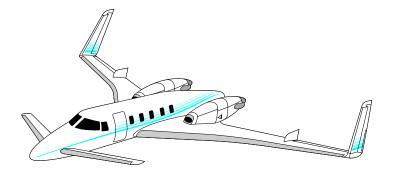
### PRESIDENT'S NOTES

I attended the American Institute of Aeronautics and Astronautics (AIAA) Regional Leadership Conference held July 21-22, 2000 in Las Vegas, Nevada. Precollege education efforts, nationwide, are being assisted in a partnership with AIAA and NASA Langley Research Center, specifically in the NASA CONNECT program for Grades 5-8. This program, free to teachers, which was conducted during the last academic year, has garnered numerous awards including 2 Daytime Emmy's. It will be continued next academic year and can be accessed by going to the following web site: <a href="http://edu.larc.nasa.gov/connect/">http://edu.larc.nasa.gov/connect/</a>.

I conducted hands-on, make and take workshops with representatives from all over the United States. Teachers are being offered an "Educator Associate" position with the AIAA by going to their web site: <a href="http://www.aiaa.org">http://www.aiaa.org</a>. The benefits to this is free access to AIAA conferences, information on possible mentors for your classroom and the ability to apply for a \$200 stipend to be used for conducting an aeronautics activity in the classroom.

We have heard some really special news concerning the 2003 Aviation World's Fair. "Newport News lands show" can be accessed through the Internet at the following URL: <a href="http://dailypress.com/news/stories/35904sy0.htm">http://dailypress.com/news/stories/35904sy0.htm</a>. (or visit the Virginia Department of Aviation's web site at www.doav.state.va.us to read the Governor's press release - editor)

Peter D. Thomas (Old Dominion University Research Foundation) Office of Education NASA Langley Research Center



#### VASEFAVIATION EDUCATION NEWS

is published quarterly in support of aviation education in the Commonweath of Virginia by the Virginia Department of Aviation.

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#### **VASEF PURPOSE**

The Forum is a non-profit organization to promote and foster aviation and space education among public and private schools, colleges anduniversities, and community and civic groups, and to promote ncreased public understanding of aviation and space and their economic, social, and career values in our society and in the Commonwealth of Virginia.

# Year 2001 International Aviation Art Contest

The theme for the 2001 International Aviation Art Contest is "My Dream Of Flight."

Students ages 6-17 are invited to participate in this annual contest and, in the process, learn a little bit more about aviation.

A brochure with complete information about the 2001 contest -- including specific deadlines -- will be sent to each public school in Virginia early this fall.

# In case you're not familiar with the contest, the general rules are as follows:

All children ages 6-17 are encouraged to participate. Entries are judged in 3 classes (determined by the age of the applicant on December 31, 2000). The classes are I. ages 6-9, II. ages 10-13, and III. ages 14-17.

Entries in each category will be judged and state winners and runners up selected. Winners will receive a certificate and recognition from their state. First, second, and third place artwork will be forwarded to Washington, D. C. to participate in the national competition.

A national winner and two runners up will be selected from each age group. All national winners will receive certificates, ribbons, a framed reproduction of their artwork and a professional work of art, compliments of the American Society of Aviation Artists.

The national winners and two runners up in each age group will be forwarded to FAI headquarters for international judging. Winners of the international competition will receive certificates and medals of gold, silver and bronze.

#### Format:

Artwork size should be  $11 \times 17$ . Due to international criteria  $8.5 \times 11$  entries are not eligible. Artwork must not be framed, laminated, mounted or outlined with borders.

#### Medium:

All artwork must be hand made using any of the following media: Watercolor, acrylic or oil paints, indelible markers, colored pencils, felt-tip pens, soft ball-point pens, indelible ink, Crayola or similar indelible mediums.

The following are not permitted: Pencil, charcoal or other nonpermanent medium, computer generated, or collage work involving the use of photocopies.

#### **Certification:**

Parent, guardian or art teacher must certify authenticity of artwork. A "Certificate of Authenticity" form is included in the official contest brochure.

#### Reproduction Rights:

Once received, entries will become and remain the property of the Federation Aeronautique Internationale (FAI) or state sponsor and may be used for a variety of purposes.

#### **Sponsors:**

The 2001 International Aviation Art Contest is sponsored by the National Aeronautic Association, National Association of State Aviation Officials (NASAO), National Aeronautics and Space Administration, and Federal Aviation Administration, in cooperation with the Federation Aeronautique Internationale (FAI), to motivate and encourage young people of FAI-member nationals to become more familiar with and participate in aeronautics, engineering and science.

The Commonwealth of Virginia contest is run by the Virginia Department of Aviation. When available, the contest brochure may be downloaded from the Department's web site:

<u>www.doav.state.va.us</u>. Information about the art contest may also be obtained by checking the National Association of State Aviation Officials web site: <u>www.nasao.org</u>.

A press release from NASAO - June 13, 2000

#### U.S. Students Strike Gold in Art Contest

The National Association of State Aviation Officials (NASAO) is pleased to announce that three U.S. winners were selected to receive gold medals in the worldwide competition of the 2000 International Aviation Art Contest. The Federation Aeronautique Internationale (FAI), at a meeting in Lausanne, Switzerland, selected California's Sean C. Wu (age 16) and the Crabtree brothers of Kentucky, Benjamin (age 12) and Jonathan (age 7), to receive FAI gold medals for their artwork. Prior to winning the international gold, all three boys had already won or placed in their home-state art contests, as well as in the U.S. national competition. The U. S. national competition winners were honored during the National Aeronautic Association (NAA) Annual Awards Ceremony at the Smithsonian Institution's National Air and Space Museum. Other international level winners included children from China, Finland, Switzerland, Yugoslavia and Turkey.

The International Art Contest is an annual competition for children and young adults designed to promote the interest of aviation and space flight. Each year a different theme is chosen and students from all over the world are judged on their use of the theme. The theme this year was "Flight Into the Future."

"This is the first time in recent memory that three young Americans, in a single year, have brought home the gold from the Olympics of student aviation art. We are very proud of Sean, Benjamin and Jonathan and extend our thanks and congratulations to them and their families," said Ray Rought, chairman of the NASAO Center for Aviation Research and Education, which manages the annual event in the United States. Rought also thanked the National Aeronautics and Space Administration, the Federal Aviation Administration, the National Air and Space Museum and NAA, which all play important roles in the event. The international winning artwork, as well as the other U.S. national competition artwork, is available for viewing on NASAO's web-site at www.nasao.org/aviationeducation.

### Scholarship for Virginia High School Seniors

Applications for the 2001 Virginia Airport Operators Council Aviation Scholarship Award will be accepted beginning September 1, 2000. The deadline for submitting an application is February 16, 2001.

To be eligible to apply for this \$2,000.00 scholarship, a student must be a Virginia high school senior; must have maintained at least a 3.75 GPA average; must be planning a career in the field of aviation; and must be enrolled or accepted into an aviation-related program at an accredited college.

A completed application form, high school transcript, recommendation letters and a typed double-spaced essay on the subject "Why I Wish to Pursue a Career in Aviation" should be sent to the address on the form.

Application forms will be sent to Virginia's public schools early this fall. Forms will also be available on the Virginia Department of Aviation's web site: <a href="https://www.doav.state.va.us">www.doav.state.va.us</a>.

The 2000 winner, Andrew Thorne, a senior at Manchester High School, plans to attend Virginia Tech this fall.



# **Aviation Scholarship Award**

**Application Form** 

**Applicant Information:** 

| ———— Applica   | nt information:  |
|--|--|
| Name:  | Home Phone:  |
| Street Address:  |  |
| High Sch   | nool Information:  |
| Name of High School:   |  |
| Address:   |  |
|  |  |
| Telephone Number:  |  |
| Date of Graduation:  |  |
| High Scho  | ool Certification:   |
| As verified by the attached high school grade transcript, I hereby GPA in all completed courses to date.   | y certify that the above named student has maintained at least a 3.75                          |
| Name and Title of High School Official (Typed or Printed)  | Signature and Date   |
| Post Secondary A   | Acceptance Certification:  |
| As verified by enclosed documentation, I hereby certify that the   | above named student is enrolled in or accepted for enrollment in the                           |
|  | Program at   |
|  | (Accredited institution).  |
| Name and Title of High School Official (Typed or Printed)  | Signature and Date   |
| Inst   | ructions   |
| institution.  4. Attach a typed, double-spaced essay (350 word minimum/500 word maximum).  | ecceptance letters or other verification of enrollment or acceptance into a post secondary     |
| accomprising and readersing paparinties.  Mail all documents to:  VAOC Scholarship, c/o Virginia Aviation and Space Education Forum, Atn: Application Deadline: Applications with documentation must be postmarked in Applications will be evaluated as follows: 35% Scholarship (GPA), 33% Essay, | o later than February 16, 2001.  |
|  | Requirements 3.75 GPA average; must be planning a career in the field of aviation; and must be |
| Scholarship Award: \$2,000.00  |  |

# National Air and Space Museum Calendar

Thursday, September 14, 2000

# "Exploring Earth from Space: New Windows on a Changing Planet"

The United States and other space faring nations recently have begun launching an unprecedented fleet of advanced satellites designed to study Earth's land, air, oceans, ice and lift using the latest space technology. When combined with powerful new computer software tools, the data from these orbital observers promises to give us valuable new scientific knowledge about how these pieces of the environment fit together into an incredibly complex, interlocking system.

Come and hear leading NASA scientists and other special guests discuss the latest discoveries about our changing planet. See spectacular color images and fascinating animations from recent satellite observations, plus realistic computer models of violent events like hurricanes and thunderstorms. Following the presentations, these experts will take your questions about what these exciting discoveries might mean for our daily weather and future climates. They'll also explain how you can track their progress on the nightly TV weather forecast and your home computer.

Langley IMAX Theater, 8:00 p.m.

Note: Tickets are required. Tickets will be available beginning Monday, August 21 through Tickets.com by calling 800-529-2440 and through the Tickets.com web site. There is no charge from the Smithsonian, but service charges from Tickets.com will apply.

Thursday, October 12, 2000

#### **General Electric Aviation Lecture Series Chuck Yeager**

Brig. Gen. Charles E. "Chuck" Yeager pushed the limits of flight speed in 1947 to become the first pilot to break the sound barrier. Near the anniversary of his famous flight, Yeager shares memories from this remarkable climb from an enlisted man in the Army Air Corps to an X-1 test pilot to a distinguished brigadier general.

Langley Theater, 7:30 p.m.

Note: Tickets are required. Tickets will be available beginning Monday, Sept. 18 through Tickets.com by calling 800-529-2440 and through the Tickets.com web site. There is no charge from the Smithsonian, but service charges from Tickets.com will apply.

## Paul E. Garber Preservation, Restoration, and Storage Facility

Get a behind-the-scenes look at the restoration workshop in Suitland, Maryland, where skilled craftsmen restore aircraft, satellites, and flight-related artifacts. Free tours last approximately three hours. 10:00 a.m., Monday through Friday; 10:00 a.m. and 1:00 p.m. Saturday and Sunday. For reservations, call (202) 357-1400 (voice) or (202) 357-1505 (TTY).

For general information call (202) 357-2700 (voice) or (202) 357-1729 (TTY).

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The Virginia Department of Aviation Teachers Grant Program is entering it's third year --Applications for 2000/01 will be accepted until November 15. For more information visit the Department's web site at www.doav.state.va.us.

| Virginia Department of Aviation Teachers Grant Application   |  |  |  |  |
|--|--|--|--|--|
| Your Name:   |  |  |  |  |
| If you are requesting the grant as a member of a team, please list team members names below:   |  |  |  |  |
| Mailing Address:   |  |  |  |  |
| City/State/Zip:  |  |  |  |  |
| Circle one: home address school address  |  |  |  |  |
| Your Telephone Number:  Circle one: home telephone school telephone  |  |  |  |  |
| Your E-Mail Address:   |  |  |  |  |
| School Name:   |  |  |  |  |
| Grade Taught: Subject:   |  |  |  |  |
| Describe your lesson idea - must utilize some facet of aviation: (in 150-500 words)  |  |  |  |  |
| Attach additional sheets and/or lesson plans, if prepared.   |  |  |  |  |
| What Learning Outcomes are you looking for from this project?  |  |  |  |  |
| If funded, how do you propose to share this lesson with your colleagues?   |  |  |  |  |
| Amount Requested:  |  |  |  |  |
| What will the grant money be used for:   |  |  |  |  |
| I agree that before the end of the school year in which I receive this grant, I will complete the above project; that I will provide a final report on the program, including copies of lesson plans developed (at least one is required), a summary of how well the program worked, how many students benefited from the program, a shopping list of materials (and costs) for supplies, and an accounting of where the grant money was spent. I understand that the Virginia Department of Aviation will pay for or reimburse only those amounts approved in the original grant and may publish lesson plans and program summaries in their aviation education publications (with credit given). |  |  |  |  |



### VIRGINIA AVIATION **MUSEUM CALENDAR**

#### August 17, 2000 - 7:00 p.m. **Guest Speakers Series**

Mrs. Margaret Tunner, former Women's Air Service Pilot and wife of Gen. William Tunner, will discuss her adventures ferrying aircraft during World War II. She will also discuss the role her husband played in the formation of the WASP's.

#### September 21, 2000 - 7:00 p.m. **Guest Speakers Series**

Robert Walton, retired from the Virginia Air National Guard, will present a program on the history of the 192nd Fighter Group. From the P-47 Thunderbolt to the F-16 Fighting Falcon, the VANG has been a presence on Richmond International Airport since 1947.

Guest Speakers Series programs begin at 7:00 p.m. in the Benn Theater. Please call (804) 236-3622 to confirm date and time.

The Virginia Aviation Museum is open daily from 9:30 a.m. to 5:00 p.m. Admission is \$5.00 for adults, \$4.00 for seniors and \$3.00 for youth. It is located at Richmond International Airport, 5701 Huntsman Road, Richmond International Airport, Virginia 23250. For further information on events and schedules, call (804) 236-3622.

#### **Aviation Education Corner**

#### **Experiment: Lift and an Airfoil Procedure Card**

#### Materials

2 strips of notebook paper 25 x 5 centimeters pencil tape

#### **Experiment Set Up**

Tape the two ends of one piece of paper together so that it forms a circle loop.

Tape the two ends of the second piece of paper together so it forms a teardrop loop.

Make sure the tape connects the ends together smoothly.

#### **Experiment Procedure**

- 1. Place a pencil through the circle-looped piece of paper.
- 2. Hold the pencil in front of your mouth horizontally with one hand and use the other hand to extend the circle-looped piece of paper, taped end way from your mouth.
- 3. Blow gently across the top of the looped paper, releasing it as you begin to exhale.
- 4. Observe and record.
- 5. Repeat steps 1 through 4, but this time use the teardrop looped piece of paper.

#### **Experiment Log - Key - Page 2**

#### **Experiment: Lift and an Airfoil**

#### <u>Steps</u>

- 4. Perform the experiment. OBSERVE AND RECORD DATA What information did I gather during this experiment?
- 5. Organize and analyze data. (Make a graph, chart, picture or diagram.)
- 6. Draw conclusions. (What do my results mean? Was my hypothesis right or wrong? Can I explain why?

#### **Data**

The circle loop spun in a circle but did not rise much.

The teardrop loop's back end rose a little and did not spin around after I let it go.

first try second try



The teardrop shape was very stable when it was blown upon. The rear edge (trailing edge) rose a little when I blew across the top. The airflow seemed to be smoother around this shape than the circle loop (which spun around). I wonder if I made this teardrop shape out of molded plastic with a flatter bottom if it would rise higher?

### Experiment Log - Key - Page 1

# 1. State the problem.

**OUESTION** (What do I want to know?)

**Steps** 

Which shape will generate the greater amount of lift -- a circle shape or a teardrop shape?

2. Form a hypothesis PREDICTION

(What do you think is going to happen/) I think the circle shape will have more lift because the camber is greater. OR

I think that the teardrop shape will have more lift because if allows for better airflow.

3. Design an experiment **MATERIALS &** 

PROCEDURES (What steps will I take to do this experiment? What things will I need?) Materials:

pencil, 2 strips of paper 25 x 5 centimeters, tape Procedure:

- 1. Gather and assemble materials.
- 2. Place a pencil through the circlelooped piece of paper.
- 3. Hold the pencil in one hand and use the other hand to extend the circle-looped piece of paper taped end away from you.
- 4. Blow gently across the top of the circle-looped paper, releasing it as you begin to exhale.
- 5. Observe and record.
- 6. Repeat steps 2 through 5, but this time use the teardrop loop.

#### **Additional Student Activities**

- 1. Research the four basic wing types (sweep, straight, delta, and swing). Then create a mobile, bulletin board, set of trading cards or three dimensional presentation.
- 2. Create a concept map that names, describes, depicts and explains the design and effectiveness of the four basic wing types: sweep (forwardand back-), straight, delta and swing.
- 3. Give students background information on Picasso and show some reproductions of his work as examples. Display a photograph of an airplane and have students create a Picasso-style drawing that uses only geometric shapes to depict the look and feel of the airplane.
- 4. Create a multimedia presentation that demonstrates how wings generate lift.
- 5. Create a flip-book that demonstrates how a wing demonstrates lift.

#### Writing Experiences

- 1. Develop a song (perhaps a ballad) or a rhyme (perhaps a rap) that tells about the different types of wings or how wings create lift.
- 2, Create a set of note cards that describes how a wing generates lift.
- 3. Pretend you are a wing. Describe the sensation of generating lift as the airplane rolls down the runway and picks up speed to take off.

(from AERONAUTICS: An Educators Guide with Activities in Science, Mathematics, and Technology Education (NASA)

From Tidewater Tech Aviation:

### Aviation Career Opportunities Await You

Tidewater Tech Aviation, at Norfolk International Airport, is excited to announce that we will be hosting an "Aviation Employment Opportunity Fair" on September 30 from 10:00 a.m. - 3:00 p.m. Come and explore the many career opportunities available in aviation. Companies from across the country will be accepting applications for professionals in all aviation disciplines. US Airways Express, TIMCO, Lockheed Martin, United Express, and the Delta Connection are expected to participate, as well as numerous others. There are a limited number of spaces left for employers interested in registering. If you would like to participate, or have questions contact:

Ann-Marie Durham or Mike Huffman Tidewater Tech Aviation 1429 Miller Store Road Virginia Beach, Virginia 23455 Phone: (757) 363-2121

Fax: (757) 363-2044

Email: placementtta@tidetech.com

#### Directions:

From Richmond: Interstate 64 take exit 281A (Robin Hood Road). Cross over Military Highway, Turn Right onto Miller Store Road.

From Virginia Beach: Interstate 64 take exit 281 (Military Highway). Turn right at the foot of the exit onto Robin Hood Road, Turn Right onto Miller Store Road.



### NATF ACE Grants for Teachers

The National Air Transportation Foundation (NATF) has initiated a new grant program for teachers. Called the NATF Aviation Curriculum Education (ACE) Grants for Teachers, it offers funding of up to \$250.00 to selected teachers who apply.

Classroom teachers in public schools or teachers of home study in grades K-12 are eligible. Grants are available to teachers in any discipline provided that the lesson involves aviation.

Information about the program should soon be available online at <a href="https://www.nata-online.org">www.nata-online.org</a> -- select the Foundation (NATF) section.

### Aviation & Space



#### Web Sites

Federation Aeronautique Internationale www.fai.org

Federal Aviation Administration www.faa.gov/education.htm

National Aeronautic Association naa.ycg.org/

**National Aeronautics and Space** 

Administration www.nasa.gov/

National Air Transportation

Association www.nata-online.org

**National Association of State Aviation** 

Officials www.nasao.org

# SCIENCE MUSEUM OF VIRGINIA CALENDAR

#### **IMAX FILMS:**

Dolphins - thru Sept. 15 Michael Jordan to the Max - thru Oct. 27

#### PLANETARIUM SHOWS

ZOOM on the MOON - thru Sept. 4

SCIENCE DAYS (Saturdays, Oct. - May) Virginia's Indians (Oct. 7, 2000) Space Exploration (Jan. 6 and 20, 2001) African-American Scientists (Feb. 10, 2001) Weather Watchers (March 10 and 24, 2001) Animal Adventures (April 21, 2001) Outdoor Science (May 5, 2001) \*For children in grades 1-6. Call (804) 367-2408 for more information.

<u>LIVESKY</u>: Informal "live" planetarium presentation of the month's celestial events. Third Friday of every month.

**SKYWATCH**: Third Friday of every month (weather permitting) on the front lawn.

24-Hour Information: (804) 367-0000 Box Office: (804) 367-1080 24-Hour Skywatch Information: (804) 367-8277 24-Hour TDD Information: (804) 367-9760 General Information - TDD: (804) 367-6552 Group Scheduling: (804) 367-6552 Home Page: http://www.smv.org

### VIRGINIA AIR AND SPACE CENTER CALENDAR

#### **VISITING EXHIBITS:**

TURBULENT LANDSCAPES thru September 4, 2000

#### **SIGMA SERIES LECTURES**

September 12, 2000

Hurricanes in History and Science by Kerry A. Emanuel (7:30 p.m.).

October 3, 2000

The Lifting Bodies by Bill Dana (7:30 p.m.)

November 7, 2000

Nanotechnology by Ralph Merkle (7:30 p.m.)

December 5, 2000

The Galileo Mission to Jupiter by Ronald Greeley (7:30 p.m.).

January 9, 2000

MicroEngines by Alan Epstein (7:30 p.m.)

#### **IMAX FILMS:**

AMAZING JOURNEYS thru Sept. 7 MICHAEL JORDAN TO THE MAX thru Sept. 7

Call (804) 727-0900 for showtimes Visit the Center's Home Page:

http://www.vasc.org

Visit the Teacher Resource Center Home

Page:

http://seastar.vasc.mus.va.us

| Calendar of Events |   |  |  |
|--------------------|---|--|--|
| Sept. 9, 2000      | Louisa County Air Show  |  |  |
| Sept. 23-24, 2000  | NAS Oceana Neptune Festival Air Show.   |  |  |
| Sept. 30, 2000     | Wings and Wheels 2000 at<br>Hummel Field in Topping,<br>Virginia.               |  |  |
| Sept. 30, 2000     | Wings Over Wise Air Show and Fly-In at Lonesome Pine Airport in Wise, Virginia. |  |  |
| Oct. 12-15, 2000   | Suffolk Peanut Festival at Suffolk<br>Municipal Airport.                        |  |  |
| Oct. 14-15, 2000   | EAA Chapter 186 Annual Fall Fly-<br>In at the Winchester Regional<br>Airport.   |  |  |
| Oct. 21, 2000      | Airfest will be held at the Accomack County Airport in Melfa, Virginia.         |  |  |
| Oct. 22, 2000      | Langley AFB Appreciation Day.   |  |  |
| Oct. 27-29, 2000   | Collings Foundation B-17/B-24 will be at Chesterfield County Airport.           |  |  |

| donations from our membershopport through membersh                            | er organizations. W   |                          |
|---|-----------------------|--------------------------|
| Regular Membershi   | ip \$25.00 annually ( | (July - Dec. \$12.50)    |
| Non-Profit Organiz  | ation \$25.00 annual  | ly (July - Dec. \$12.50) |
| Corporate Members   | ship \$100.00 annual  | ly (July - Dec. \$50.00) |
| New Member  | Renewal               |                          |
| Date:   |                       |                          |
| Name:   |                       | <del></del>              |
| Name of Organization:   |                       |                          |
| Occupation:   |                       |                          |
| Address:  |                       |                          |
| City:   |                       |                          |
| Telephone   |                       |                          |
| Please Return to: Tom Tyi<br>5702 Gulfstream Road<br>Richmond, Virginia 23250 |                       | urer                     |



**VASEF Aviation Education News** 5702 Gulfstream Road Richmond, Virginia 23250-2422

|   | i <sup>o</sup> = |
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| 2001 Aviation Teachers<br>Grant Program |                  |

Bulk Rate
U.S. POSTAGE
PAID
Richmond, Va
Permit No. 949

# **Please Post for Teachers**